

| L Number | Hits | Search Text | DB | Time stamp |
|----------|-------|---|---|------------------|
| 1 | 18220 | ((light adj emit\$4 adj diode) or led) adj2 display | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/03/12 07:54 |
| 2 | 352 | ((((light adj emit\$4 adj diode) or led) adj2 display) and (voltage adj2 (source or supply)) and (current adj source)) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/03/12 09:09 |
| 3 | 206 | ((((light adj emit\$4 adj diode) or led) adj2 display) and (voltage adj2 (source or supply)) and (current adj source)) and discharg\$3 | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/03/12 07:20 |
| 4 | 0 | (((((light adj emit\$4 adj diode) or led) adj2 display) and (voltage adj2 (source or supply)) and (current adj source)) and discharg\$3) and ((error or erroneous) near3 lighting) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/03/12 07:21 |
| 5 | 0 | (((((light adj emit\$4 adj diode) or led) adj2 display) and (voltage adj2 (source or supply)) and (current adj source)) and discharg\$3) and ((error or erroneous) near3 activation) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/03/12 07:22 |
| 6 | 128 | (((((light adj emit\$4 adj diode) or led) adj2 display) and (voltage adj2 (source or supply)) and (current adj source)) and discharg\$3) and (error or erroneous) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/03/12 07:23 |
| 7 | 18 | ((((((light adj emit\$4 adj diode) or led) adj2 display) and (voltage adj2 (source or supply)) and (current adj source)) and discharg\$3) and (error or erroneous)) and (matrix adj2 display) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/03/12 07:29 |
| 8 | 110 | ((((((light adj emit\$4 adj diode) or led) adj2 display) and (voltage adj2 (source or supply)) and (current adj source)) and discharg\$3) and (error or erroneous)) not (((((((light adj emit\$4 adj diode) or led) adj2 display) and (voltage adj2 (source or supply)) and (current adj source)) and discharg\$3) and (error or erroneous)) and (matrix adj2 display)) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/03/12 07:26 |
| 9 | 29 | (((((light adj emit\$4 adj diode) or led) adj2 display) and (voltage adj2 (source or supply)) and (current adj source)) and discharg\$3) and (matrix adj2 display) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/03/12 07:32 |
| 10 | 11 | ((((((light adj emit\$4 adj diode) or led) adj2 display) and (voltage adj2 (source or supply)) and (current adj source)) and discharg\$3) and (matrix adj2 display) not (((((((light adj emit\$4 adj diode) or led) adj2 display) and (voltage adj2 (source or supply)) and (current adj source)) and discharg\$3) and (error or erroneous)) and (matrix adj2 display)) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/03/12 07:32 |
| 11 | 43 | (((((light adj emit\$4 adj diode) or led) adj2 display) and (voltage adj2 (source or supply)) and (current adj source)) and (matrix adj2 display) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/03/12 07:42 |
| 12 | 14 | (((((light adj emit\$4 adj diode) or led) adj2 display) and (voltage adj2 (source or supply)) and (current adj source)) and (matrix adj2 display)) not (((((((light adj emit\$4 adj diode) or led) adj2 display) and (voltage adj2 (source or supply)) and (current adj source)) and discharg\$3) and (matrix adj2 display)) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/03/12 07:39 |

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| 14 | 25 | (((light adj emit\$4 adj diode) or led) adj2 display) and (voltage adj2 (source or supply)) and (current adj source)) and (matrix adj2 display)) and buffer | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/03/12 07:42 |
| 15 | 160 | (((light adj emit\$4 adj diode) or led) adj2 display) and (voltage adj2 (source or supply)) and (current adj source)) and buffer | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/03/12 07:42 |
| 16 | 76 | (((light adj emit\$4 adj diode) or led) adj2 display) and (voltage adj2 (source or supply)) and (current adj source)) and buffer) and matrix | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/03/12 07:42 |
| 17 | 18914 | ((light adj emit\$4 adj diode) or led) and display and matrix | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/03/12 09:06 |
| 18 | 392 | (((light adj emit\$4 adj diode) or led) and display and matrix) and (voltage adj2 (source or supply)) and (current adj source) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/03/12 08:05 |
| 19 | 335 | (((light adj emit\$4 adj diode) or led) and display and matrix) and (voltage adj2 (source or supply)) and (current adj source)) and switch | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/03/12 08:08 |
| 20 | 79 | (((light adj emit\$4 adj diode) or led) and display and matrix) and (voltage adj2 (source or supply)) and (current adj source)) and switch) and ((scan or scanning or row) adj2 (line or electrode)) and ((column or data or signal or address) adj2 (line or electrode)) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/03/12 08:30 |
| 23 | 0 | (masashi near nogawa) and ((light adj emit\$4 adj diode) or led) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/03/12 09:06 |
| 22 | 21 | masashi near nogawa | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/03/12 09:07 |
| 24 | 433 | ((texas adj instruments).asn.) and (light adj emit\$4 adj diode) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/03/12 09:09 |
| 25 | 16 | (((texas adj instruments).asn.) and (light adj emit\$4 adj diode)) and (voltage adj2 (source or supply)) and (current adj source) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/03/12 09:11 |
| - | 1203 | (345/55,76,82,84.ccls.) or (368/83.ccls.) | USPAT; US-PGPUB | 2002/09/19 17:46 |
| - | 375 | ((345/55,76,82,84.ccls.) or (368/83.ccls.)) and (light adj emit\$4 adj diode) | USPAT; US-PGPUB | 2002/09/22 09:42 |
| - | 28 | (((345/55,76,82,84.ccls.) or (368/83.ccls.)) and (light adj emit\$4 adj diode)) and (dot adj matrix) | USPAT; US-PGPUB | 2003/03/11 16:56 |
| - | 22 | (((345/55,76,82,84.ccls.) or (368/83.ccls.)) and (light adj emit\$4 adj diode)) and redundan\$2 | USPAT; US-PGPUB | 2002/09/19 18:20 |
| - | 37 | (((345/55,76,82,84.ccls.) or (368/83.ccls.)) and (light adj emit\$4 adj diode)) and rectif\$4 | USPAT; US-PGPUB | 2002/09/19 18:08 |

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| - | 353931 | (light adj emit\$4 adj diode) or led | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2002/09/19 18:19 |
| - | 2034 | ((light adj emit\$4 adj diode) or led) and (dot adj matrix) and display | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2002/09/19 18:50 |
| - | 180 | ((light adj emit\$4 adj diode) or led) and (dot adj matrix) and display) and redundan\$2 | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2002/09/19 18:20 |
| - | 176 | ((light adj emit\$4 adj diode) or led) and (dot adj matrix) and display) and redundan\$2) not (((345/55,76,82,84.ccls.) or (368/83.ccls.)) and (light adj emit\$4 adj diode)) and redundan\$2) or (((345/55,76,82,84.ccls.) or (368/83.ccls.)) and (light adj emit\$4 adj diode)) and rectif\$4)) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2002/09/19 18:22 |
| - | 37 | ((light adj emit\$4 adj diode) or led) and (dot adj matrix) and display) and redundan\$2) not (((345/55,76,82,84.ccls.) or (368/83.ccls.)) and (light adj emit\$4 adj diode)) and redundan\$2) or (((345/55,76,82,84.ccls.) or (368/83.ccls.)) and (light adj emit\$4 adj diode)) and rectif\$4)) and (display adj device) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2002/09/19 18:28 |
| - | 139 | ((light adj emit\$4 adj diode) or led) and (dot adj matrix) and display) and redundan\$2) not (((345/55,76,82,84.ccls.) or (368/83.ccls.)) and (light adj emit\$4 adj diode)) and redundan\$2) or (((345/55,76,82,84.ccls.) or (368/83.ccls.)) and (light adj emit\$4 adj diode)) and rectif\$4)) not (((light adj emit\$4 adj diode) or led) and (dot adj matrix) and display) and redundan\$2) not (((345/55,76,82,84.ccls.) or (368/83.ccls.)) and (light adj emit\$4 adj diode)) and redundan\$2) or (((345/55,76,82,84.ccls.) or (368/83.ccls.)) and (light adj emit\$4 adj diode)) and rectif\$4)) and (display adj device)) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2002/09/19 18:30 |
| - | 130 | ((light adj emit\$4 adj diode) or led) and (dot adj matrix) and display) and redundan\$2) and (driver or (driving adj circuit\$2)) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2002/09/19 18:36 |
| - | 16 | ((light adj emit\$4 adj diode) or led) and (dot adj matrix) and display) and redundan\$2) and (driver or (driving adj circuit\$2))) and electrode | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2002/09/19 18:36 |
| - | 408 | ((light adj emit\$4 adj diode) or led) and (dot adj matrix) and display) and electrode | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2002/09/22 09:01 |
| - | 223 | ((light adj emit\$4 adj diode) or led) and (dot adj matrix) and display) and electrode) and (driver or (driving adj circuit\$2)) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2002/09/19 18:55 |
| - | 42 | ((light adj emit\$4 adj diode) or led) and (dot adj matrix) and display) and electrode) and (driver or (driving adj circuit\$2))) and anode and cathode | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2002/09/19 18:51 |
| - | 3112 | (dot adj matrix) adj3 display | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2002/09/19 18:55 |

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| - | 160 | ((dot adj matrix) adj3 display) and anode and cathode and electrode | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2002/09/19 18:52 |
| - | 9 | ((((dot adj matrix) adj3 display) and anode and cathode and electrode) and (redundan\$2 or rectif\$4) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2002/09/19 18:56 |
| - | 12313 | (matrix adj3 display) and electrode | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2002/09/19 18:55 |
| - | 4659 | ((matrix adj3 display) and electrode) and (driver or (driving adj circuit\$2)) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2002/09/19 19:06 |
| - | 439 | ((((matrix adj3 display) and electrode) and (driver or (driving adj circuit\$2))) and (redundan\$2 or rectif\$4) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2002/09/19 18:56 |
| - | 38 | (((((matrix adj3 display) and electrode) and (driver or (driving adj circuit\$2))) and (redundan\$2 or rectif\$4)) and (matrix adj2 panel) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2002/09/19 18:57 |
| - | 67 | ((((dot adj matrix) adj3 display) and anode and cathode and electrode) and (driver or (driving adj circuit\$2)) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2002/09/19 19:08 |
| - | 67 | (((((dot adj matrix) adj3 display) and anode and cathode and electrode) and (driver or (driving adj circuit\$2))) not (((((matrix adj3 display) and electrode) and (driver or (driving adj circuit\$2))) and (redundan\$2 or rectif\$4)) and (matrix adj2 panel)) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2002/09/19 19:08 |
| - | 349 | (light adj emit\$4 adj diode) and ((dot adj matrix) adj3 display) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2002/09/22 10:06 |
| - | 21 | ((light adj emit\$4 adj diode) and ((dot adj matrix) adj3 display)) and (current adj source) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2002/09/22 10:06 |
| - | 96839 | (light adj emit\$4 adj diode) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2002/09/22 09:11 |
| - | 10206 | (light adj emit\$4 adj diode) and matrix | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2002/09/22 09:11 |
| - | 581 | ((light adj emit\$4 adj diode) and matrix) and (current adj source) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2002/09/22 09:12 |

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| - | 448 | ((light adj emit\$4 adj diode) and matrix) and (current adj source)) and switch | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2002/09/22 10:07 |
| - | 269 | ((light adj emit\$4 adj diode) and matrix) and (current adj source)) and switch) and (row or horizontal) and (column or vertical) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2002/09/22 09:17 |
| - | 1 | ((light adj emit\$4 adj diode) and matrix) and (current adj source)) and switch) and (row or horizontal) and (column or vertical)) and ((redundant or extra or additional) adj2 (column or vertical)) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2002/09/22 09:21 |
| - | 375 | ((345/55,76,82,84.ccls.) or (368/83.ccls.)) and (light adj emit\$4 adj diode) | USPAT; US-PGPUB | 2002/09/22 09:42 |
| - | 67 | ((345/55,76,82,84.ccls.) or (368/83.ccls.)) and (light adj emit\$4 adj diode)) and (current adj source) | USPAT; US-PGPUB | 2002/09/22 09:42 |
| - | 39 | ((345/55,76,82,84.ccls.) or (368/83.ccls.)) and (light adj emit\$4 adj diode)) and (current adj source)) not (((light adj emit\$4 adj diode) and matrix) and (current adj source)) and switch) and (row or horizontal) and (column or vertical)) | USPAT; US-PGPUB | 2002/09/22 09:43 |
| - | 39 | ((345/55,76,82,84.ccls.) or (368/83.ccls.)) and (light adj emit\$4 adj diode)) and (current adj source)) not (((light adj emit\$4 adj diode) and matrix) and (current adj source)) and switch) and (row or horizontal) and (column or vertical))) not (((light adj emit\$4 adj diode) and ((dot adj matrix) adj3 display)) and (current adj source)) | USPAT; US-PGPUB | 2002/09/22 10:04 |
| - | 0 | masashi near norgawa | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/03/12 09:06 |
| - | 13647 | (texas adj instruments).asn. | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2002/09/22 10:09 |
| - | 431 | ((texas adj instruments).asn.) and (light adj emit\$4 adj diode) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/03/12 09:08 |
| - | 50 | ((texas adj instruments).asn.) and (light adj emit\$4 adj diode)) and (current adj source) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2002/09/22 10:10 |
| - | 50 | ((texas adj instruments).asn.) and (light adj emit\$4 adj diode)) and (current adj source)) not (((345/55,76,82,84.ccls.) or (368/83.ccls.)) and (light adj emit\$4 adj diode)) and (current adj source)) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2002/09/22 10:10 |
| - | 31 | ((345/55,76,82,84.ccls.) or (368/83.ccls.)) and (light adj emit\$4 adj diode)) and (dot adj matrix) | USPAT; US-PGPUB | 2003/03/11 17:06 |
| - | 1280 | (light adj emit\$4 adj diode) and (dot adj matrix) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/03/11 17:07 |
| - | 117 | ((light adj emit\$4 adj diode) and (dot adj matrix)) and (voltage adj2 (source or supply)) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/03/11 17:08 |

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| - | 68 | ((light adj emit\$4 adj diode) and (dot adj matrix)) and (voltage adj2 (source or supply))) and discharg\$3 | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/03/11 17:09 |
| - | 62 | ((light adj emit\$4 adj diode) and (dot adj matrix)) and (voltage adj2 (source or supply))) and discharg\$3) not (((345/55,76,82,84.ccls.) or (368/83.ccls.)) and (light adj emit\$4 adj diode)) and (dot adj matrix)) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/03/11 17:15 |
| - | 55 | ((light adj emit\$4 adj diode) and (dot adj matrix)) and (voltage adj2 (source or supply))) not (((light adj emit\$4 adj diode) and (dot adj matrix)) and (voltage adj2 (source or supply))) and discharg\$3) not (((345/55,76,82,84.ccls.) or (368/83.ccls.)) and (light adj emit\$4 adj diode)) and (dot adj matrix)) | USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB | 2003/03/12 07:11 |